

09/25/03

17414 U.S. PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 12859B-DIV

First Inventor Wang

Title Catalysts, Reactors And..

Express Mail Label No.

22141 U.S. PTO
10/69263

09/25/03

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 17]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets _____]
5. Oath or Declaration [Total Sheets _____]
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/788,330

Prior application information:

Examiner W. Langel

Art Unit: 1754

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 34833 OR ☐ Correspondence address below

Name Frank Rosenberg

Address 18 Echo Hill Lane

City Moraga

State CA

Zip Code 94556

Country USA

Telephone 925-376-8416

Fax 925-376-8429

Name (Print/Type) Frank Rosenberg

Registration No. (Attorney/Agent) 37,068

Signature

Frank Rosenberg

Date

22 Sept. 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL
for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)**750. —****Complete if Known**

Application Number	NYA
Filing Date	22 Sept., 2003
First Named Inventor	Wang
Examiner Name	NYA
Art Unit	NYA
Attorney Docket No.	12859 B-DIV

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit
Account
Number
Deposit
Account
Name**5017 49****Frank Rosenberg**

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 750

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	19 -20** = 0	0	0
Multiple Dependent Claims	-3** =		

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)**0**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1053 130	2053 130	1053 130	2053 130	Surcharge - late provisional filing fee or cover sheet	
1812 2,520	2053 130	1812 2,520	2053 130	Non-English specification	
1804 920*	1804 920*	1804 920*	1804 920*	For filing a request for ex parte reexamination	
1805 1,840*	1805 1,840*	1805 1,840*	1805 1,840*	Requesting publication of SIR prior to Examiner action	
1251 110	2251 55	1251 110	2251 55	Requesting publication of SIR after Examiner action	
1252 410	2252 205	1252 410	2252 205	Extension for reply within first month	
1253 930	2253 465	1253 930	2253 465	Extension for reply within second month	
1254 1,450	2254 725	1254 1,450	2254 725	Extension for reply within third month	
1255 1,970	2255 985	1255 1,970	2255 985	Extension for reply within fourth month	
1401 320	2401 160	1401 320	2401 160	Extension for reply within fifth month	
1402 320	2402 160	1402 320	2402 160	Notice of Appeal	
1403 280	2403 140	1403 280	2403 140	Filing a brief in support of an appeal	
1451 1,510	2451 1,510	1451 1,510	2451 1,510	Request for oral hearing	
1452 110	2452 55	1452 110	2452 55	Petition to institute a public use proceeding	
1453 1,300	2453 650	1453 1,300	2453 650	Petition to revive - unavoidable	
1501 1,300	2501 650	1501 1,300	2501 650	Petition to revive - unintentional	
1502 470	2502 235	1502 470	2502 235	Utility issue fee (or reissue)	
1503 630	2503 315	1503 630	2503 315	Design issue fee	
1460 130	2460 130	1460 130	2460 130	Plant issue fee	
1807 50	2807 50	1807 50	2807 50	Petitions to the Commissioner	
1806 180	2806 180	1806 180	2806 180	Processing fee under 37 CFR 1.17(q)	
8021 40	2801 375	8021 40	2801 375	Submission of Information Disclosure Stmt	
1809 750	2809 375	1809 750	2809 375	Recording each patent assignment per property (times number of properties)	
1810 750	2810 375	1810 750	2810 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1801 750	2801 375	1801 750	2801 375	For each additional invention to be examined (37 CFR 1.129(b))	
1802 900	2802 900	1802 900	2802 900	Request for Continued Examination (RCE)	
				Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Frank Rosenberg	Registration No. (Attorney/Agent)	37,068	Telephone	(925) 376 8416
Signature	Frank Rosenberg	Date	22 Sept. 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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